

Converting Colors

Yxy(91.4854, 0.3049, 0.3330)

Have a look what the booklet for
Yxy(91.4854, 0.3049, 0.3330)
contains.

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Color

Yxy(91.6676, 0.3050, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	E9F9F5
RGB	233, 249, 245
RGB Percent	91%, 98%, 96%
CMY	0.0863, 0.0235, 0.0392
CMYK	0.06, 0.00, 0.02, 0.02
HSL	165°, 57%, 95%
HSV	165°, 6%, 98%
XYZ	83.9598, 91.6676, 99.6507
YIQ	243.7600, -8.2520, -4.6360

Conversions

Conversions Part 2

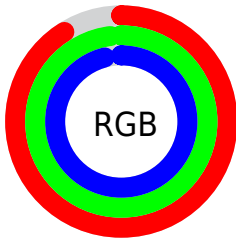
Format	Color
R _Y B	233, 242, 249
Decimal	15333877
CIE Lab	96.68, -5.96, 0.10
CIE LCh	97, 5.960, 179.003
Yxy	91.6676, 0.3050, 0.3330
Android (android.graphics.Color)	4293523957 (0xFFE9F9F5)
YUV	243.7600, 0.6113, -9.4365
Hunter-Lab	95.7432, -11.0191, 5.3105

Details

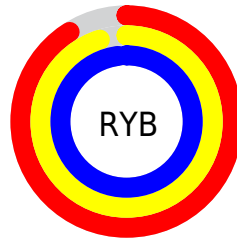
The Yxy color **91.6676, 0.3050, 0.3330** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5326, 0.3210, 0.3250**, and the grayscale version is **90.2670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1612, 0.3029, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **87.3976, 0.2934, 0.3398**, and if you desaturate by 10%, it is **95.9957, 0.3152, 0.3269**.

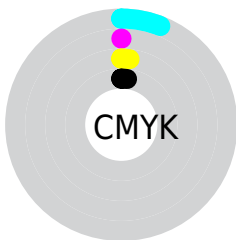
Distribution



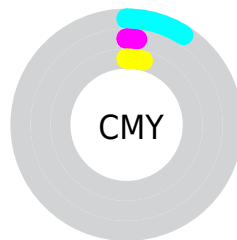
- Red (91%)
- Green (98%)
- Blue (96%)



- Red (91%)
- Yellow (95%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)




- Cyan (9%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.6676, 0.3050, 0.3330 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 91.6676, 0.3050, 0.3330 by changing the saturation by 10% instead.

 91.6676, 0.3050,
0.3330

 91.6676, 0.3050,
0.3330


533.4407, 0.3084,
0.3312

 69.3646, 0.3042,
0.3334

149.6526, 0.3062,
0.3324

 51.0087, 0.3033,
0.3339

186.1034, 0.3066,
0.3322

 36.2155, 0.3022,
0.3344


228.0389, 0.3070,
0.3320

 24.6007, 0.3008,
0.3352

275.8435, 0.3074,
0.3318

 15.7798, 0.2988,
0.3362

329.9015, 0.3077,
0.3316

 9.3685, 0.2962,
0.3375

390.5975, 0.3080,

 4.9823, 0.2924,

0.3315

458.3158, 0.3082,
0.3313

0.3395

2.2369, 0.2861,
0.3427

0.7400, 0.2661,
0.3530

91.6676, 0.3050,
0.3330

91.6676, 0.3050,
0.3330

87.3976, 0.2934,
0.3398


95.9957, 0.3152,
0.3269


83.7031, 0.2824,
0.3472

96.2358, 0.3130,
0.3233


80.5615, 0.2725,
0.3552


77.9443, 0.2638,
0.3637

 75.8203, 0.2568,
0.3727

 74.1549, 0.2515,
0.3820

 72.9090, 0.2483,
0.3915

 72.0368, 0.2471,
0.4009

 71.4811, 0.2477,
0.4103

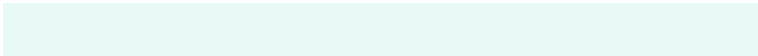
Harmonies

Analogous

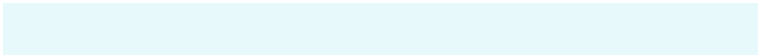
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6676, 0.3112, 0.3380



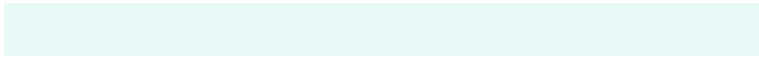
91.6676, 0.3050, 0.3330



91.6676, 0.3009, 0.3270

Triad

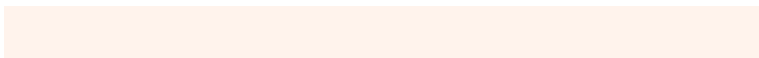
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.6676, 0.3050, 0.3330



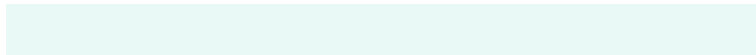
91.6676, 0.3075, 0.3178



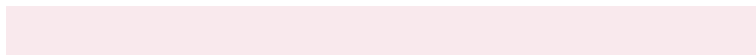
91.6676, 0.3257, 0.3363

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



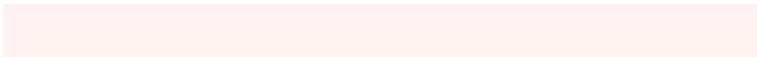
91.6676, 0.3050, 0.3330



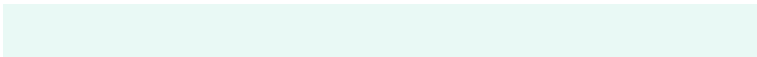
84.5326, 0.3210, 0.3250

Split Complementary

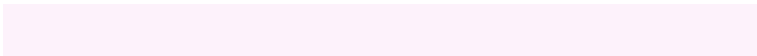
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6676, 0.3247, 0.3309



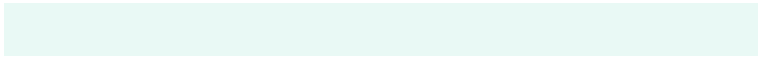
91.6676, 0.3050, 0.3330



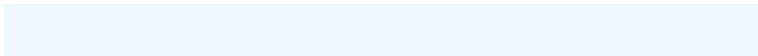
91.6676, 0.3141, 0.3203

Square

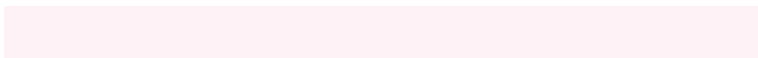
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



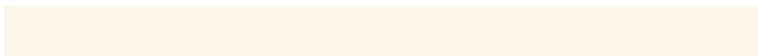
91.6676, 0.3050, 0.3330



91.6676, 0.3023, 0.3183



91.6676, 0.3205, 0.3250



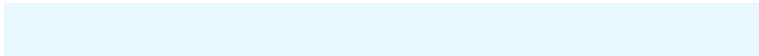
91.6676, 0.3232, 0.3398

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



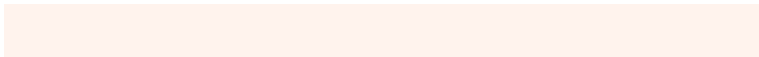
91.6676, 0.3050, 0.3330



91.6676, 0.2998, 0.3232



91.6676, 0.3205, 0.3250



91.6676, 0.3258, 0.3346

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91.6715, 0.3050, 0.3330



98.9635, 0.3103, 0.3302



91.6894, 0.3147, 0.3451



21.1931, 0.3104, 0.3302



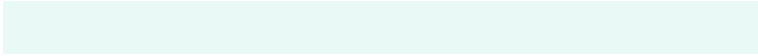
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

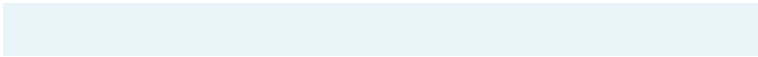
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6715, 0.3050, 0.3330



96.0094, 0.3031, 0.3340



89.6326, 0.3027, 0.3252



19.5299, 0.3014, 0.3350



38.2021, 0.2478, 0.4121



3.5551, 0.2447, 0.4009

Inverse Universe

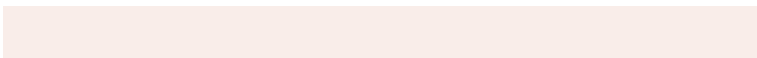
The Inverse Universe completely reimagines the original color for something new.



84.5326, 0.3210, 0.3250



86.7219, 0.3233, 0.3240



86.4382, 0.3233, 0.3327



17.2965, 0.3254, 0.3231



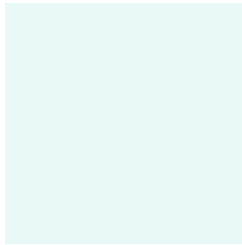
10.9879, 0.5932, 0.3041



1.0339, 0.5600, 0.2859

Previews

White Background



This preview shows how the Yxy color 91.6676, 0.3050, 0.3330 looks on a white background.

Color Contrast Check

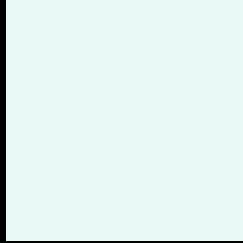
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 91.6676, 0.3050, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

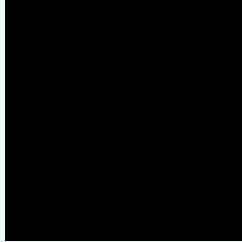
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

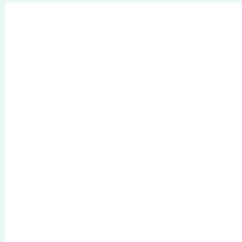
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6676, 0.3050, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 91.6676, 0.3050, 0.3330.

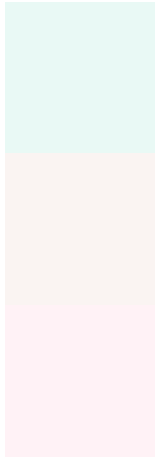


This preview shows how white text looks on a background with the Yxy color 91.6676, 0.3050, 0.3330.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91.6676, 0.3050, 0.3330

Protanopia

91.4362, 0.3178, 0.3310

Deuteranopia

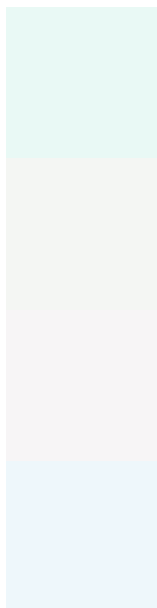
91.4181, 0.3188, 0.3252



Tritanopia

91.8323, 0.3043, 0.3201

Trichromacy



Original Color

91.6676, 0.3050, 0.3330

Protanomaly

91.6157, 0.3132, 0.3320

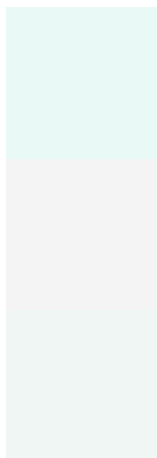
Deuteranomaly

91.7328, 0.3134, 0.3280

Tritanomaly

91.6637, 0.3047, 0.3250

Monochromacy



Original Color

91.6676, 0.3050, 0.3330

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.9685, 0.3101, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6676, 0.3050, 0.3330 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 249, 245)` looks like.

```
.text, #text, p{  
    color:rgb(233, 249, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 249, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 249, 245) }
```

Border

The CSS property to change the border of an element to Yxy 91.6676, 0.3050, 0.3330 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 249, 245) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(233, 249, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(233, 249, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 249, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 249, 245);  
box-shadow:4px 4px 4px 4px rgb(233, 249,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6676, 0.3050, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 249, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
249, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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